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PTO/SB/05 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 2307O087120

First Inventor Vreeland, Valerie

Title RECOMBINANT VANADIUM HALOPEROXIDASES AND THEIR USES

Express Mail Label No. 51.769978505Lis

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No. EL769976505US Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning design patent application contents. CD-ROM or CD-R in duplicate, large table or 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) [Total Pages _38 з. 🛛 a. Computer Readable Form (CRF) Specification (preferred arrangement set forth below) Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or Descriptive title of the Invention Cross References to Related Applications paper number of pages 9 (pp. 30-38) Statement Regarding Fed sponsored R & D c. Statements verifying Identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix ACCOMPANYING APPLICATIONS PARTS Background of the Invention - Brief Summary of the Invention g. 🔲 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 🔲 37 C.F.R.§3.73(b)Statement ☐ Power of - Detailed Description (when there is an assignee) - Claim(s) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 12. 4. Drawing(s) (35 U.S.C.113) Total Sheets Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages | 4 13. 🔯 Preliminary Amendment Newly executed (original or copy) 14. 🔯 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. Certified Copy of Priority Document(s) i ☐ DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🗌 Request and Certification under 35 U.S.C. named in the prior application, see 37 CFR 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Date Sheet under 37 CFR 1.76: □ Divisional ☐ Continuation-In-part (CIP) of pnor application No. 09 / 151,189 □ Continuation Prior application information: Group Art Unit: 1652 Examiner Mayhew, B. For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS or Correspondence address below ☑ Customer Number or Bar Code Label 20350 (Insert Customer No. or Attach bar code label here) Name Address City State Zip Code Telephone Fax Country Kevin Bastian 34 774 Name (Print/Type) Registration No. (Attorney/Agent)

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231 SF 1216186 v1

Date

April 23, 2001

Signature

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

| | Complete if Known | |
|----------------------|-------------------|--|
| Application Number | Not Yet Assigned | |
| Filing Date | Herewith | |
| First Named Inventor | Vreeland, Valerie | |
| Examiner Name | | |
| Group Art Unit | | |
| Attorney Docket No. | 23070087120 | |

| | | | | DF PAYMENT | | ļ | | | FEE C | ALCULATION (continued) | |
|--|---|--------------|---------------|---|--|----------------------|-----------------------|----------------------|--|--|-------------|
| 1. 🗵 | The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: | | | 3. ADDITIONAL FEES | | | | | | | |
| Depo | osit | | | and credit any over pays | nents to: | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
| Acco | | 20- | 1430 | | | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | F |
| Numi | | | | | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| Deposit Account Townsend and Townsend and Crew LLP | | | | | | 139 | 130 | 139 | 130 | Non-English specification | |
| Account Townsend and Townsend and Olev ELI | | | | | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | | |
| Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17 | | | | | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | | | | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 2. Payment Enclosed: | | | | | | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| | Check | ☐ Cre | edit card | | Other | 116 | 390 | 216 | 195 | Extension for reply within second month | |
| | | | | Order | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 1. E | BASIC FI | LING FE | | ALCULATION | | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| Large | Entity | | Entity | | | 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| Fee | | Fee | Fee | Fee Description | | 119 | 310 | 219 | 155 | Notice of Appeal | |
| Code | 1 | Code | (\$) | | Fee Paid | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 101 | | 201 | | Utility filing fee | 710 | 121 | 270 | 221 | 135 | Request for oral hearing | |
| 106 107 | | 206 207 | | Design filing fee Plant filing fee | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 108 | 710 | 208 | 355 | Reissue filing fee | | 140 | 110 | 240 | 55 | Petition to revive – unavoidable | <u> </u> |
| 114 | 150 | 214 | 75 | Provisional filing fee | | 141 | 1,240 | 241 | 620 | Petition to revive – unintentional | <u></u> |
| | | 611 | | 1. (4) | (\$)710 | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| | | 50 | IBTOTA | L (1) | (3)(10 | 143 | 440 | 243 | 220 | Design issue fee | ļ |
| 2. EXTR | RA CLAI | M FEES | | | | 144 | 600 | 244 | 300 | Plant issue fee | <u> </u> |
| | | | | Extra Fee from | Fee | 122 | 130 | 122 | 130 | Petitions to the Commissioner | } |
| otal Claim | ns 15 | -20* | = [| Claims below 0 X \$18 | = \$0 | 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| dependen laims | 1 | -3** | = | 0 X \$80 | = \$0 | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| iufliple Jependent | | | | х | = | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| Large Fee | Entity Fee | Smalí Fee | Entity Fee | y Fee Description | | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| Code 103 | (\$) 18 | Code 203 | (\$) 9 | Claims in excess of 20 | 0 | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1,129(b)) | |
| 102 | 80 | 202 | 40 | Independent claims in | | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | } |
| 104 | 270 | 204 | 135 | Multiple dependent da ** Reissue independe | | 169 | 900 | 169 | 900 | Request for expedited examination | |
| 109 | 80 | 209 | 40 | original patent ** Reissue claims in e | | Other fo | ee (specif | v) | | of a design application | |
| 110 18 210 9 Reissue claims in excess of 20 and over original patent | | | | The Commissioner is authorized to charge any additional fees to | | | | | | | |
| | | | | | the above noted Deposit Account | | | | | | |
| | | | | | | *Redu | ced by Ba | isi¢ Filin | g Fee P | aid SUBTOTAL (3) (\$) | |

| SUBMITTED BY | | Ç | Complete (if applicable) | | | |
|-------------------|---------------|------------------------------|--------------------------|-----------|--------------|--|
| Name (Print/Type) | Kevin/Bastian | Registration No. (Attorney/) | Agent) 34,774 | Telephone | 415-576-0200 | |
| Signature | 16 | Dast | | Date | 4/23/01 | |

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